

## DAFTAR PUSTAKA

- Abidin, H. Z., 2000., *Penentuan Posisi dengan GPS dan Aplikasinya*, Jakarta: PT Pradnya Paramita.
- Abidin, H., Subarya, C., Muslim, B., Adiyanyo, F.H., 2010, “The Applications of GPS CORS in Indonesia : Status , Prospect and Limitation”, *FIG Congress 2010 Facung the Challenges - Building the Capacity Sydney, Australia, 11-16 April 2010*, (April 2010), hal. 11–16.
- Andreas, H., Sarsito, D., Irwan, M., Abidin, H., Darmawan, D., Gamal, M., 2004, “Implikasi Co-seismic dan Post-seismic Horizontal Displacement Gempa Aceh 2004 terhadap Status Geometrik Data Spasial Wilayah Aceh dan Sekitarnya”, Kelompok keahlian geodesi. Institut Teknologi Bandung.
- Badan Meteorologi Klimatologi dan Geofisika, 2018, *Press Release NO. UM.505/9/D3/IX/2018*.
- Bock, Y., 2003, “Crustal Motion in Indonesia from Global Positioning System measurements”, *Journal of Geophysical Research*, 108 (B8), doi: 10.1029/2001jb000324.
- Condie, K.C., 2003, *Plate Tectonics and Crustal Evolution, Fourth Edition*, New Mexico : Butterworth Heinmann.
- Dumka, R. K., Chopra, S. dan Prajapati, S., 2019, “GPS derived Crustal Deformation Analysis of Kachchh, Zone of 2001 (M7.7) earthquake, Western India”, *Quaternary International*, Elsevier, 507 (December 2018), hal. 295–301, doi: 10.1016/j.quaint.2019.01.032.
- Hamilton, W., 1979, *Tectonics of the Indonesia Region*, United States Government Printing Office, Washington.
- Herring, T. A., King, R. W., McClusky, S. C., 2006, “GAMIT Reference Manual”, *Control*, (September), hal. 1–182.
- Hofmann, B. dan Moritz, W. H., 2006, *Geodesy, Second Edition*, Austria: Springer Wien New York.
- Hofmann, B. Wellenhof., Lichtenegger, H., dan Wasle, E., 2008, *GNSS – Global Navigation Satellite Systems*, Austria: Springer Wien New York.
- Isnaini, E. L., 2019, *Deteksi Siklus Gempa Menggunakan Data Cors GNSS dengan Metode PPP (Studi Kasus: Sesar Anjak Kendeng)*, Tesis, Yogyakarta: Program Studi S-2 Teknik Geomatika, Pascasarjana Fakultas Teknik, Universitas Gadjah Mada.

- Kaharuddin, M., Hutagalung, R., dan Nurhamdan, 2011, “Perkembangan Tektonik dan Implikasinya terhadap Potensi Gempa dan Tsunami di Kawasan Pulau Sulawesi”, *Proceeding JCM Makassar 2011*, 1–10 (HAGI and 40th IAGI Annual Convention and Exhibition, 26-29 September 2011).
- Kim, Y. and Bang, H., 2018, Introduction to Kalman Filter and Its Applications, *Intech Open. Published: November*.
- King, R. W. dan Bock, Y., 2002, *Documentation for the GAMIT GPS Analisis Software*, USA: Department of Earth, Atmospheric, and Planetary Sciences, Massachusetts Institute of Technology and Scripps Institute of Oceanography, University of California at San Diego.
- Leick, A., 2015, *GPS Satellite Surveying*, 4th Edition, John Wiley & Sons, Inc., New York, USA.
- Lestari, D., 2006, *GPS Study Resolving the Stability of Borobudur Temple Site. Thesis*, School of Surveying and Spatial Information System. University of New South Wales.
- McCaffrey, R., dan Abers, G. A., 1991, “Orogeny in arc-continent collision: the Banda Arc and western New-Guinea”, *Journal Geology*, 19, 563–566.
- Öcalan, T. dan Tunalioglu, N., 2010, “Data Communication for Real-Time Positioning and Navigation in Global Navigation Satellite Systems (GNSS) Continuously Operating Reference Stations (CORS) Networks”, *Scientific Research and Essays*, 5(18), hal. 2630–2639.
- Okada, Y., 1995, “Simulated Empirical Law of Coseismic Crustal Deformation”, *Journal of Physics of the Earth*, 43(6), hal. 697–713. doi: 10.4294/jpe1952.43.697.
- Purnama, D. I., 2019, “Analisis Komponen Utama pada Data Potensi Kecamatan di Kota Palu Sebelum Bencana Gempa Bumi dan Tsunami 28 September 2018”, *Jurnal Matematika, Statistika dan Komputasi*, 16(1), hal. 25.
- Prasidya, A.S., 2015, *Analisis Regangan 2D Lempeng Tektonik di Patahan Sumatera Berdasarkan Data Pengamatan GNSS Tahun 2010*, Tesis, Yogyakarta: Program Studi S-2 Teknik Geomatika, Pascasarjana Fakultas Teknik, Universitas Gadjah Mada.
- Sarsito, D. A., Susilo, Simons, W. J. F., Abidin, H. Z., Sapiie, B., Triyoso, W., Andreas, H., 2017, “Rotation and strain rate of Sulawesi from geometrical velocity field”, *AIP Conference Proceeding*, 1857:1, 040006.
- Socquet, A., Simons, W., Vigny, C., McCaffrey, R., Subarya, C., Sarsito, D., Ambrosius, B. dan Spakman, W., 2006, “Microblock rotations and fault coupling in SE Asia triple junction (Sulawesi, Indonesia) from GPS and earthquake slip vector data”, *Journal of Geophysical Research: Solid Earth*,

111(8), hal. 1–15. doi: 10.1029/2005JB003963.

- Stuwe, K., 2007, *Geodynamics of the Lithosphere*, Austria: Springer Wien New York.
- Sulaiman, C. dan Junaedi, D., 2014, “Kelas Tektonik Sesar Palu Koro, Sulawesi Tengah Tectonic Class of Palu Koro Fault , Central Sulawesi”, vol 5(2), hal. 111–128.
- Tiryakioglu, I., Yigit, O. C., Yavasoglu, H., Saka, M. H., Alkan, R. M., 2017, “The determination of interseismic, coseismic and postseismic deformations caused by the Gökçeada-Samothraki earthquake (2014, Mw: 6.9) based on GNSS data”, *Journal of African Earth Sciences*, vol 133, 86-94.
- Turcotte, D. L. dan Schubert, G., 2014, *Geodynamics*, Third Edition, United Kingdom: Cambridge University Press.
- Ulinuha, H., 2015, *Analisis Deformasi Aspek Geometrik Segmen Mentawai Akibat Gempa Tektonik 10 Juli 2013*, Tesis, Yogyakarta: Program Studi S-2 Teknik Geomatika, Pascasarjana Fakultas Teknik, Universitas Gadjah Mada.
- Walpersdorf, A., Vigny, C., Subarya, C., Manurung, P., 1998, “Monitoring of the Palu-Koro fault (Sulawesi) by GPS”, *Geophysical Research Letters*, vol 25 no 13, hal:2313-2316.
- Widjajanti, N., 1997, *Analisis Deformasi – Status Geometrik Dua Dimensi dengan Pendekatan Generalisasi Matrik Kebalikan*,. Institut Teknologi Bandung.
- Widjajanti, N., 2001, *Diktat Deformasi Dasar*, Yogyakarta: Departemen Teknik Geodesi, Universitas Gadjah Mada.
- Zeffitni, Basir, M., Cyio. Napitupulu, M., dan Worosuprojo. 2020, “Spatial Analysis of The Liquefaction Vulnerability Zone Based on The Phreatic Level at The Palu Groundwater Basin, Central Sulawesi Province”, *Journal of Physics: Conference series*, 1434 012019.